

[OPTICAL SCANNING MODULE]

Abstract

An optical scanning module comprising an outer cover, a plurality of fixing elements, a plurality of reflecting mirrors, a plurality of buffer pads, a lens, an image capturing device and a light source is provided. Each of the fixing elements disposed on the inner wall of outer cover comprises a clip and a reflecting mirror supporting holder. The reflecting mirror supporting holder is manufactured as an integrative unit on the inner wall of the outer cover. The clip has a crooked portion that holds the reflecting mirror and the buffer pads on the reflecting mirror supporting holder. Further, when the reflecting mirror is fixed on the reflecting mirror supporting holder by the clip, the buffer pads are set between the mirrors and the holders. Therefore, the bending or the curling phenomenon of reflecting mirrors and the distortion of image quality can be effectively prevented.